April 16, 1993 Issue 684

DXpedition News

St Pierre & Miquelon - FP Mary Lou Brown NM7N, Alice N4DDK, Elizabeth VE7YL, and Nellie XE1CI will stage an all-YL DXpedition to St. Pierre and Miquelon /**FP**, June 22-29. They plan to assemble and operate two complete stations, with 24-hour-a-day activity, on CW, SSB, and RTTY. They may even try to get on the amateur satellites. Following the St. Pierre operation, Alice and Mary Lou will continue on to the Sept-Iles region of Quebec, which is in the relatively rare CQ Zone 2. They'll operate /**VE2** from July 4th or 5th, depending on transportation, through the 9th. Sunrise 0750Z; sunset 2340Z. QSL routes not yet announced.

Monaco - 3A **IK4CIE** and **IK4IDW** of the Western Emilia DX Club will operate **3A**/ April 24-25, mostly CW. QSL to home callsigns. (Thanks DXPress.)

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Pacific Jakob Laib HB9TL is touring the Pacific for the next month. He'll try to get on the air from Papua New Guinea as **P29TL** May 5-13, the Solomon Islands H4 May 16-19, Vanuatu YJ May 21-26, Fiji as **3D2TL** May 27-June 2, Wallis Island as **FW/HB9TL** June 3-8, Tonga T3 June 10-13, Western Samoa 5W June 14-17, and American Samoa as **KH8/HB9TL** June 18-20. Try 32 kHz up on CW, and 14192, 14242, 18132, 18141, 21215, and 21275 kHz on SSB. QSL to home call: Einfangstr. 39, 8580 Amriswil, Switzerland.

Corsica - TK Several members of the Italian Western Emilia DX Club will be active **TK**/ May 14-17. Watch for **TK/IK4IDW** and **TK/IK4CIE** on CW, and **TK/IK4NZD, TK/IK4VJC** and **TK/IK4ULA** on SSB. QSL home callsigns. (DXPress.)

Shortly Noted

▪ **New DXCC Countries**: The DX Advisory Committee has voted unanimously to recommend that Czechoslovakia be deleted from the DXCC Countries List, and the Czech Republic and the Slovak Republic added. This recommendation will be reviewed by the ARRL Awards Committee at ARRL headquarters. Start dates and when the DXCC desk will begin accepting OK/OM QSL cards will be announced after Award Committee action. Do **not** send in cards at this time. In other DXAC actions, the DXAC voted 14 to 1 **not** to change DXCC Rule 10 to permit a DXer to feed his or her DXCC with contacts made under a club station's call. The DXAC also formalized their long-standing policy of publicly announcing DXAC votes and what issues are under consideration.

▪ **Uganda - 5X** Jim Henderson KF7E will join the **5X1XA/XB** team April 27-May 12. He has not yet received his own callsign, but expects it soon.

▪ **IYØGA** is Roberto ISØJMA April 23-25, in the Marconi event (see below). QSL ISØJMA. (LNDX.)

▪ **LX/FD1SHQ** is active until April 17, mostly CW.

▪ **TI9?** Jose TI2JJP says he will make another try at operating from Cocos Island this month. QSL TI9JJP via TI2AOC.

▪ **3B8CF** has put up antennas for 40 and 80 meters. Look for Jacky near 7005 kHz at 2000-2300Z. (EADX.)

▪ **TN1AT**, the only station currently active from the Congo, prefers SSB net operation, but has also been noted in the French portion of 20 meters, 14110-14120 kHz, around 1700Z, on SSB. QSL F6FNU. (EADX.)

▪ **International Marconi Day**: The Cornish RAC will sponsor the Fifth Annual Marconi Birthday Event on April 24th, 1993. 21 Marconi special-event stations will be active from Marconi historic sites around the world, including: **GB4IMD GBØIMD GB2IMD GB4MDI GBØSFL GB2MDI GB4MID CT1TGM EI2IMD DAØIMD IYØTCI IY1TTM IY4FGM IYØGA ZS6IMD VE1IMD VO1IMD K1VV/IMD N2FCZ/IMD KK6H/IMD**. A certificate is available for working at least 12 of the stations. For more information, contact Mike G4WQL, c/o CRAC, Box 100, Truro TR1 1RX, Cornwall, England.

▪ **Islands On The Air**: The Goddard ARC will operate as **WA3NAN/3** from Assateague Island (NA-139) May 1-2. Try the IOTA frequencies of 14260, 21260, and 28460 kHz as well as 7185 kHz on SSB, and 25 kHz up on CW. QSL WA3NAN. (OPDX.) **A35KB** is Fr. Kevin Burke, on Vava'u (OC-064) until the end of April. **V63MF** is Mary Fox on Woleai Atoll (OC-132) for the next two years. Try the Pacific IOTA net on 21260 khz at 2000Z. QSL to KD1F. **VK3VQ** is a resident on (OC-139); try 14275 kHz at 0900Z. **WL7FZ** is another active resident IOTAer, on St. Lawrence (NA-040); try 21310 kHz at 16-1800Z. UAØFAA is active as **4K5RRC** from the Kuril Archipelago (AS-025); try 14220 kHz at 04-0700Z. **WL7EM** is on Kodiak (NA-019).

Propagation

Forecast and Historical Data

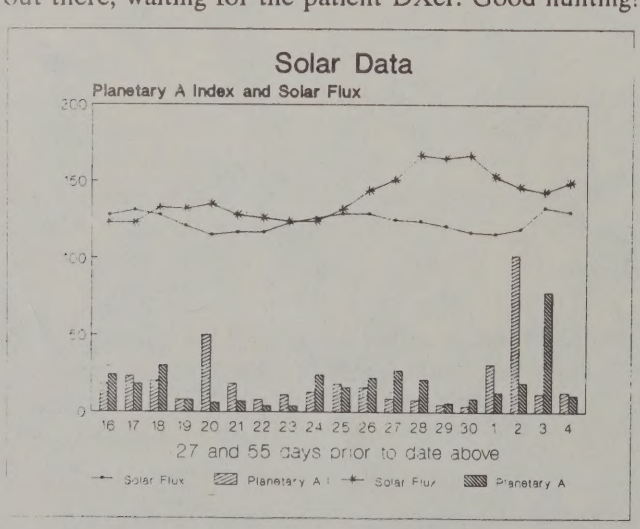
Day	Forecast	27 Days Before				55 Days Before			
April 1993		Date	Flux	A	K	Date	Flux	A	K
16	Low Normal	3/20	128	14/18	1	2/20	123	22/24	3
17	Low Normal	3/21	131	19/23	2	2/21	123	17/18	3
18	Low Normal	3/22	128	19/20	3	2/22	133	18/30	2
19	High Normal	3/23	121	09/08	2	2/23	132	06/08	1
20	Disturbed	3/24	115	27/50	3	2/24	135	04/06	0
21	High Normal	3/25	117	14/18	2	2/25	128	06/07	1
22	High Normal	3/26	117	08/08	2	2/26	126	03/04	1
23	High Normal	3/27	123	09/11	2	2/27	124	02/04	1
24	High Normal	3/28	126	11/13	3	2/28	124	21/24	2
25	High Normal	3/29	129	13/18	0	3/1	132	12/16	2
26	High Normal	3/30	129	17/16	2	3/2	144	15/22	3
27	High Normal	3/31	125	07/09	2	3/3	151	19/27	3
28	Above Normal	4/1	124	08/08	2	3/4	167	20/21	1
29	Above Normal	4/2	121	05/05	1	3/5	165	05/06	0
30	Above Normal	4/3	117	01/04	0	3/6	167	08/09	2
May 1993									
1	Below Normal	4/4	116	26/31	5	3/7	153	11/13	2
2	Disturbed	4/5	119	66/102	4	3/8	146	19/19	3

Propagation Watch

Solar activity has remained quite low, with only minimal sunspots. The relatively high levels of solar activity that DXers enjoyed at the end of 1992 are gone, and propagation forecasters hold out little hope to a return to an active sun before 1998.

The Space Environment Service Center's forecast for the remainder of Sunspot Cycle 22 includes a brief upturn in solar activity this coming fall, with smoothed flux rising back to the 100 level. Then flux will drift lower, to an expected minimum near 60 in 1997.

Fortunately, there is still plenty of DX available on all bands, even with declining sunspots. While 10 and 12 meters don't open worldwide, or even on high-latitude paths, they are often open to the east in the morning, south and southeast midday, and to the southwest in the early evening. And when the maximum useable frequency (MUF) is below 14 MHz in the morning, 30 and 40 meters are usually open to the west at local dawn. In short, you may have to dig a little harder through the noise, and you might not have a choice of which band is open, but the DX is still out there, waiting for the patient DXer. Good hunting!



Visalia International DX Convention

I'll be seeing many of you at the Holiday Inn in Visalia; stop by and say hello. Don't miss the Friday evening cocktail party, co-hosted by *The DX Magazine*/The DX Bulletin, and the Saturday evening banquet speech on **DXing in the 21st Century**, by none other than VP2ML. See you there!

Help Wanted

▪ José YN1CC is looking for a copy of the schematic for an Icom DV-21 digital VFO. Perhaps a reader can send him a copy at P. O. Box 2971, Managua, Nicaragua. He says he doesn't get cards via the YN bureau, so QSL direct only.

▪ Mike Gauthier K6ICS is looking for the current whereabouts of Gary O'Toole KB6ISL, of Pitcairn Island Bicentennial Award infame. Anyone who can help should notify The DX Bulletin.

News From All Over

▪ The second **New Orleans International DX Convention** will be held August 27-29 in that city. Headquarters is again the Royal Sonesta Hotel on Bourbon Street, in the French Quarter, a far cry from the Visalia Holiday Inn or the Stouffers in Dayton! Contact Wes Strauch, 2238 Lake Oaks Parkway, New Orleans LA 70122 or call him at 504-283-4143 for details. This group did a first-class job last year; plan to attend this year!

▪ Valery RA6YR checked with the Central Radio Club in Moscow, Russia, about the status of the Oblast award since the breakup of the USSR. Mrs. Sviridova, manager of the oblast award, says that applicants now have to make 100 contacts with 50 different oblasts, working each oblast on different bands. All contacts must be made on or after January 1, 1992. Fee is currently 14 IRCs. The Central Radio Club continues to offer the old oblast award, for contacts prior to Jan. 1, 1992.

▪ The third edition of the Spanish-language *El Arte del DX*, a 200-page discussion of all aspects of DX. Topics covered include setting up a station, choosing antennas, chasing DX on 6 meters, 160 meters, on CW and SSB, propagation, split operation, DX nets, and more. Cost is US$18 including postage to North America, and US$20 elsewhere, from author Dr. Mic Christ XE1MD, Cerrada Noreña 40, San Jose Insurgts, 03900 DF Mexico.

1993 ARI International DX Contest

The 1993 ARI contest is an everyone-works everyone test on SSB, CW, and (new this year) RTTY, 2000Z Saturday, May 1 to 2000Z Sunday May 2. Single-op categories are CW, SSB, RTTY, and mixed; multi-single is mixed only. 160-10 meters, traditional bands only, with a 10-minute band change rule. Exchange RST and serial number; Italians send report and a two-letter province abbreviation. Contacts with one's own country are zero points (multiplier credit only); with other countries on the same continent 1 point; with stations on other continents 3 points; and with I/ISØ stations 10 points. Multipliers are Italian provinces (95) and DXCC countries, excluding I/ISØ, per band. Logs by May 30 to ARI Contest Manager I2UIY, P. O. Box 14, 27043 Broni PV Italy. Free IBM-computer software is available for the test; send US$5 or 10 IRCs to the contest manager. Top stateside entrants in the 1992 test include **K2SX/1, N8FU, K1AR, KB3TS, K6NA, KBØC**, and **N3PM**.

B • A • N • D • P • A • S • S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1

80 Meters

6W6JX	3503	0511	3	NH
JA1HQT	3503	1030	3	NH
VK6HD	3502	1040	3	NH
VK6HD *	3503	2238	4	MA

75 Meters

VK6LK *	3798	2242	3	MA

40 Meters

3B8CF	7003	1430	2	ID
6W6JX	7002	0420	1	MO
A22MN	7026	0450	30	MN
BV7BB	7007	1405	30	ID
CO2FS	7007	0345	29	WA
JT1BR	7009	1349	2	ID
VR6MW	7015	0650	2	CA
Z21HS	7006	0428	2	KS

30 Meters

4N5GB	10101	0043	3	VA
6W6JX	10119	0450	1	MI
GD4BEG	10105	0650	27	KS
IS0OMH	10102	0040	27	WV
UC2AAA	10101	0459	3	VA
VR6BB	10102	0425	2	KS
YO3AC	10101	2234	28	MI

20 Meter CW

3B8FG	14022	0308	2	CA
4K2MAL	14018	2147	1	MI
4N4XX	14011	0535	4	CA
4S7EA	14013	0020	31	NH
5N0ZKJ	14017	2205	1	MI
9A2NN	14023	1150	1	FL
A71CW	14030	0026	4	WA
A71CW	14025	1945	1	MI
BV7BB	14005	1245	1	KS
EL2EF	14005	2349	31	ID
J28FG	14020	0317	2	CA
OD5/ HB9AMO	14020	0440	4	CA
PZ1DY	14027	0322	2	GA
RH8BKA	14023	0413	4	OR
TA3D	14012	0520	3	OR
TR8GR	14008	0125	2	IL
TR8LC	14014	0205	3	OR
UJ8JA	14004	0311	2	ID
UJ8JA *	14006	1406	2	WA
UJ8JI	14001	1514	31	ID
UM8DX	14020	0115	4	CA
VR6BB	14020	0135	2	CA
ZA1EM *	14003	1427	2	WA
ZS1ABY *	14015	1530	27	WA
ZS5QQ *	14013	1518	27	WA

20 Meter SSB

3A2HB	14191	2049	2	WI
3C1TR	14195	2047	4	SC
4K2KBZ	14226	0443	3	OR
7X2AB	14266	2245	28	GA
7X2DG	14189	1948	29	NH
A71BY	14250	2216	2	CO
BZ4RBX	14223	1105	2	NJ
D2/N6QHO	14214	1943	30	NJ
FO4OK	14197	0520	2	KS
FR5DX	14193	0405	5	CA
FT5YE	14160	1245	2	IL
JT1BG	14201	1502	7	CA
JW5NM	14236	2118	28	GA
JY3ZH	14251	0450	4	KS
JY9ZK	14160	2300	3	KS
OD5JY	14251	0450	4	KS
OD5ZZ	14194	2055	30	NJ
XQ0X	14247	0340	3	CA

17 Meter CW

3D2QB	18073	1223	3	FL
4N5PK	18073	1535	1	VA
5Z4TT	18081	2000	2	MI
7Q7DX	18081	1720	30	MI
A71CW	18069	1346	28	WV
A71CW	18073	1949	2	MI
C31LL	18073	1620	28	WV
JW5NM	18068	1552	29	WV
US0U	18073	1728	1	MI

15 Meter SSB

4J4GC	21002	1735	3	KS
5N0ZKJ	21015	1810	4	CA
5X1B	21027	1840	30	CO
9K2ZZ	21005	1540	4	FL
A71CW	21023	1837	4	MA
BZ4SBF	21026	0215	3	AZ
HJ0VGJ	21026	2020	3	KS
HT1T	21020	1633	30	MI
T77Q	21025	1557	3	CA
TA3D	21013	1615	31	MO
TR8GR	21016	2110	4	MI
TU4SR	21025	2100	2	NC
V51BI	21060	1614	4	MA
VR6BB	21021	0150	4	CA
VR6BB	21025	1820	4	CA
YI1BGD	21016	1415	2	CO
YN1CC	21009	2035	31	MO
ZA1EM	21012	1235	2	GA
ZA1Z	21019	1430	3	CO
ZD8LII	21013	2259	3	CA
ZD8VJ	21020	1859	30	MI

15 Meter SSB

3D2CC	21260	2130	2	WI
3X0HLU	21314	1830	3	CO
4N4XX	21293	1532	7	CA
5Z4XW	21245	2022	2	WI
7Q7BX	21355	2025	1	NC
7X2AB	21353	2013	28	GA
7X2WAK	21277	1505	2	NJ
9K2RA	21315	1624	3	CA
TA1ZA	21310	1410	4	CO
TU2PA	21378	2102	28	GA
V63OM	21251	0136	3	CO
VU2DNL	21245	1659	2	NJ
VU2SMN	21290	1650	2	NJ

12 Meter CW

CN8ST	24900	1535	3	MI

10 Meter CW

5Z4TT	28016	1514	3	FL
6W6JX	28045	1540	3	CO
C91J	28007	1200	3	MA
FR5BT	28020	1340	4	MA
SV2AVP	28007	1520	3	FL
XQ0YAF	28010	1835	4	CA
Z21HS	28023	1320	4	MA

10 Meter SSB

EA8DW	28445	1840	4	CA
FO8AA	28428	2040	28	GA
T30NAL	28390	0308	29	WA
TN1AT	28480	1400	2	MA
VP8CKD	28494	1450	2	MA
VR6BX	28430	1932	28	GA
ZD8VJ	28495	1850	2	CA

QSL Notes

▪ Bob Winters **KD7P** leaves Guam this summer. Any QSL requests after July 15 should be sent via his father: Frank Winters, P.O.Box 1585, Snohomish WA 98291.

▪ QSL Ross Tharenou **SV5BOP** direct to: P. O. Box 22, Lardos 85109, Rhodes Island, Greece. Ross says he has a problem with the Greek bureau, and receives cards only once a year.

▪ **TU2FU/F** was a pirate operation; **don't** QSL via NT0W.

▪ **TL2RR** is another pirate; don't QSL via OH2AC.

▪ QSL **9A2WV, YU2WV,** and **5N0/YU2WV** via operator Vladimir Pavlica's address: P. O. Box 312, 51000 Rijeka, Croatia.

▪ QSL **TG9AJR** either direct to Juan Carlos Munoz R., P. O. Box 329 I, Guatemala City 01907, Guatemala, or via QSL manager WA1ECA. (I0WDX is **no longer** TG9AJR's QSL manager.)

▪ QSL **RF5FF/RO6, RB5FF/ER1, RO0F, ER0F,** and **RY0F** via QSL manager Robert Schwiegerhausen DF8BK, Goebenstr. 7, D-2800 Bremen 1, Germany.

▪ Tom Victor Segalstad LA4LN has a new address: P. O. Box 15, Kjelsas, N-0411, Oslo, Norway. Tom handles QSLs for **G5BLT GM5BLT J37ZF JW4LN KH6/LA4LN KH8/LA4LN OH0/LA4LN OY/LA4LN LA4LN/TF LC1J XE1ISC 8P9CR.** Operations by Tom wife LA2SR QSL via this new address: **G5BPQ J37ZG OH0/LA2SR OY/LA2SR LA2SR/TF.**

▪ QSL **UL7FCW UL7FCG UL7FEC 7P8AK ZS6AHB** and **ZS6AS** via John Rouse KA3DBN, 2703 Bartlett Lane, Bowie MD 20715.

▪ QSL Bosnia-Hercegovina stations **4N4 KRS LJ EKK K QSO SOS EZE EAM EKC ESP DNO SGG OE DEJ W AA GJK DXZ ENO SVR ESG EDK CB WXX DMO HB ESM EVC** via Mehned Avdibagovic DJ0QJ, Friedrichrodaerstr 67b, W-1000 Berlin 46, Germany. Donations toward equipment for 4N4 operators would be appreciated.

▪ QSL **YI0EP** via W8MEP, as the former QSL route is now a Silent Key.

▪ The **S79S** QSL cards should be in the mail by Dayton. This one is worth sending for, even if your don't need the confirmation; it's a striking color photo of a Zebra Lionfish. QSL via Charlotte Richardson KQ1F, 11 Michigan Drive, Hudson MA 01749.

▪ DL7FT wants US$2 or two IRCs for return of his **5R8DJ** QSLs, due to the increase in german postage rates.

Current and Future DXpeditions

(Changes and hot info in **boldface**.)

DXCC Country	Prefix	Callsign	Dates	Issue
American Samoa	**KH8/HB9TL**		**June 18-20**	**I684**
Angola	D2	D2BG	to August	I682
Antarctica	CE9OH		14190 2000Z Sunday	
Ascension Island	ZD8VJ		Now-1994	I673
	ZD8DEZ		to August	I678
Bahrain	**A9**	**A92WH**	**Apr. 15-June 30**	**I683**
Bangladesh	S2	S21ZG	7004 1200Z	I674
Barbados	**8P**	**8P9DL**	**Apr. 24-May 6**	**I683**
Cambodia	XU	XU7VK, others now active		I670
Cayman Islands	**ZF**	**ZF2UH**	**Apr. 17-24**	**I681**
		ZF2UA/UB	**Apr. 19-26**	**I682**
Chad	TT	TT8OBO	Mar. 15-Apr.	I673
Corsica	**TK/**	**IK4s**	**May 14-17**	**I684**
Crozet	FT	FT4WD	Now	I670
Ethiopia	**9F2DX**		**Soon?**	**I683**
	ET3TI		**now**	**I683**
Fiji	**3D**	**3D2TL**	**May 27-June 2**	**I684**
Gough Island	**ZD9**	**ZD9CQ**	**now-May**	**I680**
Ivory Coast	**TU**	**TU4SR**	**now active**	**I683**
Laos	XW	XW2A/XW6A	Apr. 28-May 8	I683
Liberia	**EL**	**EL2YD**	**to late 1993**	**I683**
Libya	**5A**	**TBA**	**after Dayton**	**I681/2**
Madagascar	5R	5R8DG	28544 14-1500Z	I672
Maldives	**8Q**	**DL9WVM**	**to Apr. 21**	**I683**
		DL1ZBE	**Apr. 11-May 2**	**I683**
Monaco	**3A**	**IK4s**	**April 24-25**	**I684**
Nauru	C2	C21BR	to mid-Apr.	I669
Nevis	**V4**	**V47RS/WC**	**Apr. 29-May 5**	**I683**
Papua New Guinea		**P29TL**	**May 5-13**	**I684**
Qatar	A7	A71CW	now active	I675
Rwanda	9X	9X5AB	now active	I662
Saba	**PJ/**	**N3NCW**	**April**	**I677**
St. Christopher	**V4**	**V47NF/WZ**	**April 10-17**	**I682**
St. Martin	**FS/**	**N3NCW**	**April**	**I677**
St. Pierre & Miquelon		**FP/Ws**	**June 22-29**	**I684**
San Felix	CEØ	XQØX	CW now	I681
São Tomé	S9	S92ST	now active	I674
		by ON4QM	soon?	I682
Seychelles	S7	S79MD	now active	I670
Singapore	9V	9V1YU	15M 15-1700Z	I661
Solomon Islands	**H4**	**by HB9TL**	**May 16-19**	**I684**
Spratly Islands	1S	9MØS	postponed	I680
Syria	**YK**	**4U/OH3MIG**	**now active**	**I683**
Taiwan	BV/	N4VA	to July	I676
		BV/N4MQX	**Apr. 9-20**	**I679**
Tonga	**A3**	**by HB9TL**	**June 10-13**	**I684**
Tromelin	**FR/T**	**FR5ZU/T**	**now-May**	**I682**
Uganda	5X	WF5T/N3JCL	Apr.27-May 12	I681
		5X1B	**21030 1900Z**	**I683**
Vanuatu	**YJ**	**YJØAVG**	**Apr. 11-18**	**I683**
		by HB9TL	**May 21-26**	**I684**
Wallis Island	**FW/**	**HB9TL**	**June 3-8**	**I684**
Western Samoa	**5W**	**by HB9TL**	**June 14-17**	**I684**

Operating Events and DX Gatherings

Dates	Event	Reference:
April 16-18	Visalia International DX Convention	
April 17-18	SARTG AMTOR Contest	RTTY Journal
April 23-25	Dayton Hamvention®	
April 24-25	Swiss Helvetia Contest	CQ
May 1	ARI DX Contest	May DX Magazine
May 8-9	Volta RTTY Contest	RTTY Journal

Contributors

This Issue would not have been possible without the assistance of our dedicated reporters: AA7AV, AB4PW, DXPress, EADX, K1HDO, K2AJY, K4BAI, K4GLU, K5FUV, K6LEB, K7EX, K8JJC, K8OQL, KA7T, KB7RDK, KM4KJ, KN4FY, KO8O, KQ3S, KSØM, LNDX, NØABA, N1QY, N2EJQ, NM7M, NM7N, OPDX, WØJRN, WØRXL, W1FV, W1NH, W6ESJ, W6UQF, W7AYY, W9DH, W9HAO, WB8GEX, WD9GGY, WF5T, XE1MD, YN1CC, and WU6T. Many thanks for your efforts. -ed.

The DX Bulletin

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Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Algeria	7X2WAK	21285±	1500Z
Ascension Island	ZD8VJ	28495	1900Z
Bosnia-Hercegovina	4N4XX	14010±	1530Z
Gabon	TR8GR	21018±	2100Z
Ivory Coast	TU4SR	21025	2315Z
Mali	TZ6RM	28466±	1700Z Fri.
Mozambique	C91J	28450±	1530Z Sun.
Nicaragua	YN1CC	21022±	2000Z
Pitcairn Island	VR6BB	21022±	02, 1830Z
Pitcairn Island	VR6BB	10102	0430Z
San Felix Islands	XQØX	14009/64	03-05Z
Taiwan	BV4CT	14025	1500Z
Tajikistan	UJ8JA	20M CW	02, 13Z
Uganda	5X1B	21030	1900Z
Zimbabwe	Z21HS	7005	0430Z